

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

| | |
|--------------------------|-------------------------|
| Attorney Docket Number | 0543.001 |
| First Named Inventor | Timothy J. Olson et al. |
| COMPLETE IF KNOWN | |
| Application Number | |
| Filing Date | |
| Art Unit | |
| Examiner Name | |

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HYDROCYCLONE ROPING DETECTOR AND METHOD

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

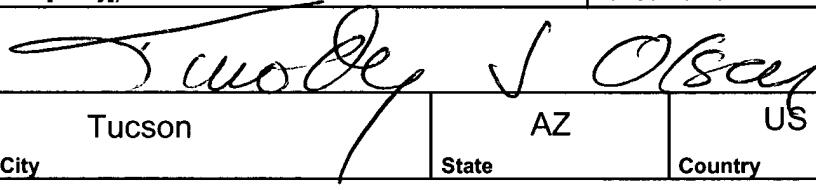
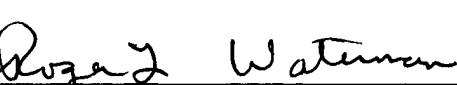
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? |
|-------------------------------------|---------|----------------------------------|--------------------------|--|
| | | | <input type="checkbox"/> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

DECLARATION — Utility or Design Patent Application

| | | | | | |
|---|--|--------------------------------------|------------------------------------|-----------------------------|------------------------------|
| Direct all correspondence to: <input checked="" type="checkbox"/> | | Customer Number or Bar Code Label | 34282 | OR <input type="checkbox"/> | Correspondence address below |
| PATENT TRADEMARK OFFICE | | | | | |
| Antonio R. Durando Durando Birdwell & Janke, P.L.C. Name | | | | | |
| 2929 E. Broadway Blvd. Address | | | | | |
| Tucson City | | AZ State | 85716 ZIP | | |
| US Country | | 520-881-9442 Telephone | | 520-881-9448 Fax | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | |
| NAME OF SOLE OR FIRST INVENTOR : <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name Timothy J. (first and middle [if any]) | | | Family Name Olson or Surname | | |
| Inventor's Signature  | | Date 6/19/03 | | | |
| Tucson Residence: City | | AZ State | US Country | US Citizenship | |
| Mailing Address 5505 W. Gillette Road | | | | | |
| Tucson City | | AZ State | 85743 ZIP | US Country | |
| NAME OF SECOND INVENTOR: <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name Roger J. (first and middle [if any]) | | | Family Name Waterman or Surname | | |
| Inventor's Signature  | | Date 6/19/03 | | | |
| Tucson Residence: City | | AZ State | US Country | US Citizenship | |
| Mailing Address 5505 W. Gillette Road | | | | | |
| Tucson City | | AZ State | 85743 ZIP | US Country | |
| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto. | | | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

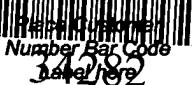
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|-------------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Timothy J. Olson et al. |
| Title | Hydrocyclone Roping ... |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 0543.001 |

I hereby appoint:

 Practitioners at Customer Number

34282



PATENT TRADEMARK OFFICE

OR

 Practitioner(s) named below:

| Name | Registration Number |
|--------------------------|---------------------|
| Antonio R. Durando | 28,409 |
| Gavin J. Milczarek-Desai | 45,801 |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.

OR

 Practitioners at Customer Number.

OR

| | | | | | |
|--|----------------------------------|-------|--------------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name | Durando Birdwell & Janke, P.L.C. | | | | |
| Address | 2929 E. Broadway Blvd. | | | | |
| Address | | | | | |
| City | Tucson | State | AZ | Zip | 85716 |
| Country | US | | | | |
| Telephone | 520-881-9442 | Fax | 520-881-9448 | | |

I am the:

 Applicant/inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Patrick A. Turner, V.P., Sales & MarketingSignature Patricia A. TurnerDate 6-19-03 Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

| | |
|--------------------------|--------------------------------------|
| <input type="checkbox"/> | *Total of _____ forms are submitted. |
|--------------------------|--------------------------------------|

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Timothy J. Olson et al.

Application No./Patent No.: _____ File d/Issue Dat : _____

Entitled: Hydrocyclone Roping Detector and MethodKrebs Engineers Corporation, an Arizona corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.**OR**B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document)
must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be
recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6-19-03

Date

520-744-8200

Telephone number

Patrick A. Turner

Typed or printed name



Signature

V.P., Sales & Marketing

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.